

ABSTRACT OF THE DISCLOSURE

The invention relates to adhesive silicone elastomer compositions which can be crosslinked by polyaddition. The composition, crosslinkable by polyaddition (hydrosilylation), comprises: α / at least one polyorganosiloxane (POS) bearing ethylenic and/or acetylenic unsaturations [POS with \equiv Si-(unsaturated) units]; β / at least one polyorganosiloxane (POS) with \equiv Si-H units; γ / a catalytic combination comprising $\gamma.1$ at least one metallic catalyst (preferably platinum based), $\gamma.2$ and at least one crosslinking inhibitor; δ / a filler; ϵ / at least one adhesion promoter; ρ / at least one POS resin; λ / at least one thermal resistance agent; and ϕ / optionally at least one other functional additive. Methods of making and using the subject composition are also described.